

To: Albright, David[Albright.David@epa.gov]; R9-Deep[R9Deep@epa.gov]
Cc: Robin, George[Robin.George@epa.gov]
From: Robin, George
Sent: Fri 3/20/2015 9:41:07 PM
Subject: RE: (WZI) Class I injection in Kern County

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ok, perhaps I should call Laura and get a few more pertinent facts that are missing, such as whether they are treating Class II fluids or other?

George

From: Albright, David
Sent: Friday, March 20, 2015 2:37 PM
To: Robin, George; R9-Deep
Subject: RE: (WZI) Class I injection in Kern County

Yes, please set up a time that works. Thanks, David

From: Robin, George
Sent: Friday, March 20, 2015 2:29 PM
To: Albright, David; R9-Deep
Cc: Robin, George
Subject: FW: (WZI) Class I injection in Kern County

Could we either meet and/or exchange a discussion on this topic before replying?

George

From: Laura Bazeley [<mailto:lbazeley@wziinc.com>]
Sent: Thursday, March 19, 2015 3:44 PM
To: Robin, George
Subject: Class I injection in Kern County

Hello George,

I hope all is well with you.

We are doing an injection feasibility study for a proposed well in Kern County. The waste water will be generated by reverse osmosis. We had the raw water sampled and it is relatively high in radionuclides as summarized in the table below. Will this be an issue for a Class I injection well? It is anticipated that the reject water concentration will be cycled up 5 times.

Constituent	Concentration	Method
Dissolved Uranium pCi/l	330	EPA 200.8
Tot Recv Uranium pCi/l	360	EPA 200.8

Gross Alpha pC/l	101 +/-7.29	SM7110C
Gross Alpha/Beta pC/l	34.8 +/-16.9	EPA 900.0
Radium 226 pC/l	2.9 +/-1.70	EPA 903.1
Radium 228 pC/l	1.04 +/-0.46	EPA 904

Thank you for your assistance with this.

Laura

Laura M. Bazeley PG, CHG

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